

## A New *Doryopteris* Hybrid

R. M. TRYON, JR.

There are two proposed hybrids in the genus *Doryopteris*: *D. nobilis* × *sagittifolia* (× *D. hybrida*) and *D. pedata* var. *palmata* × *sagittifolia* (× *D. Duvalii*). The latter, a horticultural plant, is not yet satisfactorily founded since the figure and description<sup>1</sup> are not sufficiently diagnostic to place it with certainty.

I recently received from Fr. J. Eugenio Leite an ample series of specimens that represent a third and new hybrid. It is *D. nobilis* × *pedata* var. *multipartita*. It is interesting to note that the parent species are also involved in the previously known hybrids. Since there were several large and small plants in the collection, the hybrid seems to be self-perpetuating.

× *Doryopteris Leitei*, n. hybr. [*D. nobilis* (Moore) C. Chr. × *pedata* (L.) Fée var. *multipartita* (Fée) Tryon].—Rhizomate repente, crasso; stipitibus atropurpureis vel nigris, teretibus vel subteretibus; lamina parvula sterilis hastata, margine subintegra, segmentis basalibus brevibus; laminae fertiles magnae, 8–14 cm. longae et latae, pentagonae, segmentis 3-jugis, falcatis, basalibus inferne bilobatis; ala costalis lateribus rectis vel leviter curvatis; gemmae nullae; sori per sinus continui.—In petris prope cataractas, in loco “Campestre” appellato, prope São Salvador, Rio Grande do Sul, Brazil, Jan. 1943, *J. E. Leite* 2233; typus in Herb. Gray.

The rhizome is relatively large and long, as in *D. nobilis*; the stipe atropurpureous to black, and terete or subterete, as in *D. pedata* var. *multipartita*. The margin of the sterile blade and the tips of all of the segments are, as in *D. pedata* var. *multipartita*, shallowly crenulate to entire. Small sterile blades are hastate, with the basal lobes short, as in *D. pedata* var. *multipartita*. The

<sup>1</sup> Rev. Hort. Belge 1897: 563. fig. 168.